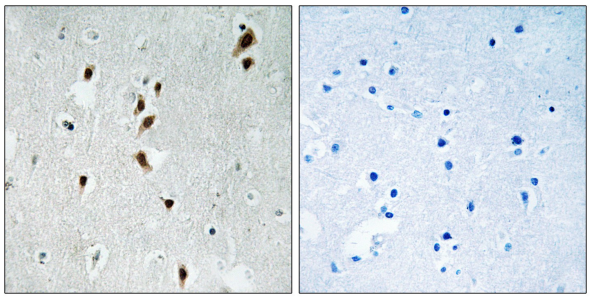
Mnk1(Phospho-Thr385)Antibody

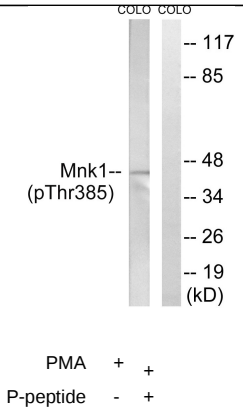
E11-8376A

Catalog Number: E11-8376A
Concentration: 1mg/ml
Swiss-Prot No.: Q9BUB5
Other Names: EC 2.7.11.1; kinase Mnk1; Map kinase interacting kinase; MAP kinase signal-integrating kinase 1; MAP kinase-interacting serine/threonine kinase 1; MKNK1
All Sites: Human: Thr385; Mouse: Thr344; Rat: Thr332
Storage/Stability: Store at -20℃/1 year
Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Mnk1 around the phosphorylation site of threonine 385 (L-P-T^{P}-P-Q).
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Specificity: Mnk1 (Phospho-Thr385) antibody detects endogenous levels of Mnk1 only when phosphorylated at threonine 385.
Reactivity: Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:20000
References:

Fukunaga R., EMBO J. 16:1921-1933(1997).
Knauf U., Mol. Cell. Biol. 21:5500-5511(2001).
O'Loghlen A., Exp. Cell Res. 299-343-355(2004).



Immunohistochemistry analysis of paraffin-embedded human brain tissue using Mnk1 (Phospho-Thr385) antibody.



Western blot analysis of extracts from COLO cells, treated with PMA (125ng/ml, 30mins), using Mnk1 (Phospho-Thr385) antibody.

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